```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
lines.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ head lines.txt
1
2
3
4
5
6
7
8
9
10
administrator@administrator-hcl-desktop:~/gopikrishna$ tail lines.txt
7
8
9
10
11
12
13
14
15

administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
echo.sh
administrator@administrator-hcl-desktop:~/gopikrishna$ chmod +x echo.sh
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
lines.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ wc -l lines.txt
16 lines.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ wc -w lines.txt
15 lines.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ wc -c lines.txt
37 lines.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ uname
Linux
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ hostname
administrator-hcl-desktop
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ bc
bc 1.07.1
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foun
dation, Inc.
This is free software with ABSOLUTELY NO WARRANTY.
For details type `warranty'.
10/2*3
15
quit
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
administrator@administrator-hcl-desktop:~/gopikrishna$ cat>temp.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
temp.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ grep 5  temp.txt
5
15
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
mv.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ mv -i mv.txt renamed.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
renamed.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
calc.sh  fact.sh  renamed.txt  rm.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ rm rm.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
calc.sh  fact.sh  renamed.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
administrator@administrator-hcl-desktop:~/gopikrishna$ touch b12
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
b12
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
lrm.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ cp lrm.txt lrm1.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
lrm1.txt  lrm.txt
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ date
Sunday 12 March 2023 04:37:32 PM IST
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%m
03
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%h
Mar
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%d
12
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%y
23
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%H
16
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%M
38
administrator@administrator-hcl-desktop:~/gopikrishna$ date +%S
41
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ cal
     March 2023
Su Mo Tu We Th Fr Sa
          1  2  3  4
 5  6  7  8  9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ echo "UNIX SHELL"
UNIX SHELL
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ ls
calc.sh  fact.sh
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ man cat
administrator@administrator-hcl-desktop:~/gopikrishna$ 
CAT(1)                        User Commands                        CAT(1)

NAME
       cat - concatenate files and print on the standard output

SYNOPSIS
       cat [OPTION]... [FILE]...

DESCRIPTION
       Concatenate FILE(s) to standard output.

       With no FILE, or when FILE is -, read standard input.

       -A, --show-all
              equivalent to -vET

       -b, --number-nonblank
              number nonempty output lines, overrides -n

       -e     equivalent to -vE

       -E, --show-ends
              display $ at end of each line
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ who
ubuntu    tty2         2023-03-12 16:36 (tty2)
administrator@administrator-hcl-desktop:~/gopikrishna$ whoami
ubuntu
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```

```
administrator@administrator-hcl-desktop:~/gopikrishna$ uptime
 16:45:01 up 9 min,  1 user,  load average: 0.12, 0.55, 0.48
administrator@administrator-hcl-desktop:~/gopikrishna$ 
```